

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven G. Johnson et al. Art Unit : Unknown
Serial No. : Examiner : Unknown
Filed : July 16, 2003
Title : LOW-LOSS PHOTONIC CRYSTAL WAVEGUIDE HAVING LARGE CORE
RADIUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

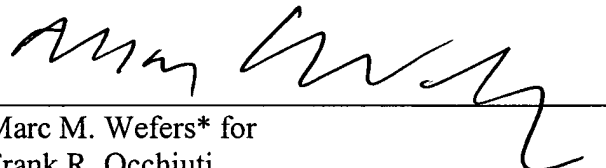
PRELIMINARY AMENDMENT

Prior to examination, please amend the application as indicated on the following pages.
Applicant asks that all claims be examined in view of the amendment to the claims and remarks
contained on the following sheets, a total of 5 pages.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 7/16/03



Marc M. Wefers* for
Frank R. Occhiuti
Reg. No. 35,306

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

***See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).**

20689646.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 303681884 US

July 16, 2003
Date of Deposit